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Exhibit R-2, PB 2010 Office of Secretary Of Defense RDT&E Budget Item Justification								DATE: May 2009		
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE					
0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 3 - Advanced Technology Development (ATD)					PE 0603200D8Z Joint Advanced Concepts					
COST (\$ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	7.817						Continuing	Continuing
P202: Joint Advanced Concepts	0.000	0.000	5.873						Continuing	Continuing
P203: Joint Electronic Warfare	0.000	0.000	1.944						Continuing	Continuing
A. Mission Description and Budget Item Justification										
Acquisition reform initiatives call for top down, national security strategy-driven capabilities-based planning. The Joint Advanced Concepts (JAC) program supports acquisition reform initiatives and early capabilities based strategic investment decisions that ensure joint, integrated, interoperable, system-of-system combat capability to the warfighter. Provides early shaping of acquisition programs, to include Special Access Programs, from a capabilities portfolio management perspective to deliver improved capabilities to the joint warfighter. This shaping is supported through capability-based assessments, requirements analysis, joint capability area assessments, integrated roadmap development, and the development/integration of risk-based collaborative tools to conduct capability-based assessments. These efforts were previously funded under PE0604875D8Z, Joint Systems Architecture Development.										
Provides funding for Joint Electronic Warfare (EW) initiatives. The EW Joint Analysis Team (established in November 2007) fills a void identified by the Combatant Commanders for a group to coordinate the disparate EW activities across the Department. Provides funding to the EW JAT for establishing the Joint Electronic Warfare Center (JEWEC) as the executive agent for coordination between Combatant Commanders, Services, Office of Secretary of Defense, Joint Staff, Weapon Schools, Technology Centers, Academia and DT&E organizations. Provides for EW exploitation analysis of the inter-relational effects of combined-systems evaluations in mission area needs in such domains as Integrated Air and Missile Defense, Blue Force Identification, Netted-sensors and Command and Control.										

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B. Program Change Summary (\$ in Millions)				
	FY 2008	FY 2009	FY 2010	FY 2011
Previous President's Budget	0.000	0.000	0.000	
Current BES/President's Budget			7.817	
Total Adjustments			7.817	
Congressional Program Reductions				
Congressional Rescissions				
Total Congressional Increases				
Total Reprogrammings				
SBIR/STTR Transfer				
Program Budget Review Adjustments			7.817	

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Exhibit R-2a, PB 2010 Office of Secretary Of Defense RDT&E Project Justification									DATE: May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 3 - Advanced Technology Development (ATD)				R-1 ITEM NOMENCLATURE PE 0603200D8Z Joint Advanced Concepts					PROJECT NUMBER P202	
COST (\$ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
P202: Joint Advanced Concepts	0.000	0.000	5.873						Continuing	Continuing

A. Mission Description and Budget Item Justification

Acquisition reform initiatives call for top down, national security strategy-driven capabilities-based planning. The Joint Advanced Concepts (JAC) program supports acquisition reform initiatives and early capabilities based strategic investment decisions that ensure joint, integrated, interoperable, system-of-system combat capability to the warfighter. Provides early shaping of acquisition programs, to include Special Access Programs, from a capabilities portfolio management perspective to deliver improved capabilities to the joint warfighter. This shaping is supported through capability-based assessments, requirements analysis, joint capability area assessments, integrated roadmap development, and the development/integration of risk-based collaborative tools to conduct capability-based assessments. These efforts were previously funded under PE0604875D8Z, Joint Systems Architecture Development.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2008	FY 2009	FY 2010	FY 2011
Joint Advanced Concepts	0.000	0.000	5.873	
<i>FY 2010 Plans:</i> This project supports focus areas in portfolio management and activities associated with our program evaluation responsibilities providing for early shaping of Pre-Milestone A programs. Provide early shaping of Department-wide portfolio based investment decisions, development, coordination and institutionalization of enterprise wide Business Rules and procedures for investment strategies and resource balancing, integration of the requirements process with the acquisition process to bridge our military and civilian areas of responsibility with all COCOMS, Services and Agencies. Provides DEPSECDEF & DoD Components advice on how to maximize capability investment to meet warfighter needs. Leads the development of integrated capability roadmaps, and supports acquisition program reviews and Guidance for Development of the Force. Represents A&T interests in requirements for future acquisition systems. Develops and updates capability roadmaps to inform decision makers for portfolio investment decisions, DoD Requirements and POM decisions. This program will fund analysis in several portfolio areas such as Electronic Warfare, Single Integrated Air Picture (SIAP), Joint Integrated Air and Missile Defense (JIAMD), Combat Identification (CID), Blue Force Tracking (BFT).				

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APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 3 - Advanced Technology Development (ATD)	R-1 ITEM NOMENCLATURE PE 0603200D8Z Joint Advanced Concepts	PROJECT NUMBER P202
<p><u>C. Other Program Funding Summary (\$ in Millions)</u> N/A</p> <p><u>D. Acquisition Strategy</u> N/A</p> <p><u>E. Performance Metrics</u> N/A</p>		

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APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 3 - Advanced Technology Development (ATD)				R-1 ITEM NOMENCLATURE PE 0603200D8Z Joint Advanced Concepts					PROJECT NUMBER P203	
COST (\$ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
P203: Joint Electronic Warfare	0.000	0.000	1.944						Continuing	Continuing

A. Mission Description and Budget Item Justification
 Provides funding for Joint Electronic Warfare (EW) initiatives. The EW Joint Analysis Team (established in November 2007) fills a void identified by the Combatant Commanders for a group to coordinate the disparate EW activities across the Department. Provides funding to the EW JAT for establishing the Joint Electronic Warfare Center (JEWEC) as the executive agent for coordination between Combatant Commanders, Services, Office of Secretary of Defense, Joint Staff, Weapon Schools, Technology Centers, Academia and DT&E organizations. Provides for EW exploitation analysis of the inter-relational effects of combined-systems evaluations in mission area needs in such domains as Integrated Air and Missile Defense, Blue Force Identification, Netted-sensors and Command and Control.

<u>B. Accomplishments/Planned Program (\$ in Millions)</u>	FY 2008	FY 2009	FY 2010	FY 2011
Joint Electronic Warfare <i>FY 2010 Plans:</i> This project supports Joint Electronic Warfare Center Support to the Electronic Warfare Joint Analysis Team as the conduit between Combatant Commanders, who determine EW Requirements, and the EW JATs analytical team. Perform analysis to determine blue force operations within the Electro-Magnetic Spectrum, determine adversary technology trends, provide modeling, analysis, and simulation expertise for concept testing and validation, and provide objective oversight of field testing to ensure real world dynamics are considered. This analysis will assess how EW interacts with other warfighting areas. It will draw upon combined-systems evaluation events geared to mission area needs in such domains as Integrated Air and Missile Defense, Blue Force Identification, Netted-sensors and Command and Control.	0.000	0.000	1.944	

C. Other Program Funding Summary (\$ in Millions)
 N/A

D. Acquisition Strategy
 N/A

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<u>E. Performance Metrics</u> N/A		